CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/520b/Cube/2017-18

12.01.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Providing and improvements drinking water facilities in Ward No.13, Mallasandra, BBMP, Bangalore.
* Reference	:	BBMP/EE/DD/WO/127/2017-18 Dated: 18.12.2017
* Sample ID	:	RCC Chajja Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	7^{th} day
Sample Received on	:	12.01.2018

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2018	12.01.2018	8.115	322.6	14.34
2	05.01.2018	12.01.2018	8.265	338.5	15.04
3	05.01.2018	12.01.2018	8.328	343.5	15.27

*Information is furnished by the Customer/Representative.

Note:

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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VIDYARANI P.K.
Technical Manager

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#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.
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Building & Highway Material Testing Laboratory

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T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/520b/CC Solid Block/2017-18 25.12.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF SOLID CONCRETE BLOCKS

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of Work	:	Providing and improvements drinking water facilities in Ward No.13, Mallasandra, BBMP, Bangalore.
* Reference	:	BBMP/EE/DD/WO/127/2017-18 Dated: 18.12.2017
Technical Reference	:	IS: 2185 (Part-1) - 2005 (RA-2010)
Size of Blocks	:	400mm x 200mm x 200mm
Cross Sectional Area	:	80000 mm^2
No. of Blocks Tested	:	08
Sample Received on	:	23.12.2017
Date of Testing	:	25.12.2017

SLNo.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Requirement as per IS: 2185 (Part-1) - 2005 (RA-2010)
1	Block 1	35.24	288.5	3.61	Minimum required Compressive Strength of Individual Units 3.20 N/mm^2
2	Block 2	36.69	282.3	3.53	
3	Block 3	36.24	281.6	3.52	
4	Block 4	35.15	280.6	3.51	
5	Block 5	36.20	283.4	3.54	
6	Block 6	35.18	285.5	3.57	
7	Block 7	34.96	286.3	3.58	
8	Block 8	35.24	283.5	3.54	

*Information is furnished by the Customer/Representative.

Civil Tech Consultants & Engineers Bangalore

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Job No.: CTCE/BBMP/KRIDL/W.No.13/Tiles/2017-18

08.01.2018

TEST REPORT ON VETRIFIED TILES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the Work	:	Providing and improvements drinking water facilities in Ward No.13, Mallasandra, BBMP, Bangalore.
* Reference	:	BBMP/EE/DD/WO/127/2017-18 Dated: 18.12.2017
* Sample ID	:	Vetrified tiles
Date of Testing	:	08.01.2018

Sl. No.	Type of test	Result as per Test
1	Shape of Tiles	Square
2	Dimensions Of Tiles	600mm X 600mm
3	Thickness	10.0mm

*Information is furnished by the Customer/Representative.

Civil-Tech Consultants & Engineers Bangalore

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ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಪಟ್ಟಿಕ ಅಭಿವೃದ್ಧಿಪಡಿಸಿ ಪೈಪ್‌ಗಳು ಅಳವಡಿಸಿಕೆ, ರಾಜಕಾಲುವೆ ಮತ್ತು ಮಳೆನೀರುಗಳ ಪಾಲಿಕೆ ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು.

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